



## WATER MANAGEMENT MONTHLY REPORT

### Information Exchange Bulletin

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### RESERVOIR OPERATION AND SYSTEM STATUS FOR JUNE 2001

**HIGHLIGHTS** – Cairo stage began the month at 34.9 feet and ended at 28.7 feet. Normal stage for June is 26 feet. The stage at Cairo crested at 40.9 feet on June 13th, 0.9 feet above flood stage, and was falling slowly at end of month.

**WEATHER** –The weather during June was fairly typical for the month. After a cool first week the temperatures rose above normal for the second week. Temperatures for the month averaged a little below normal for the southern and western portions of the basin. Rainfall was quite varied resulting from scattered showers through the month. The most noticeable area of departure was a very dry central and eastern Ohio.

### TEMPERATURE AND PRECIPITATION – JUNE 2001

	TEMPERATURE		PRECIPITATION	
STATION	OBSERVED DEGREES F	DEPARTURE FROM NORMAL	OBSERVED INCHES	DEPARTURE FROM NORMAL
Pittsburgh, PA	68.0	0.0	3.43	-0.28
Charleston, WV	70.5	-0.9	4.19	+0.60
Columbus, OH	71.1	+1.9	2.30	-1.74
Cincinnati, OH	69.7	-1.3	4.45	+0.61
Louisville, KY	73.8	+0.6	2.61	-0.85
Indianapolis, IN	70.2	-1.7	4.46	+0.97
Evansville, IN	72.7	-2.1	3.82	+0.33

Nashville, TN	73.4	-2.2	4.83	+1.26
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**STREAMFLOW** -- Ohio River monthly average flows for June ranged from a low of 97 percent of normal at Pittsburgh, PA to a high of 119 percent of normal at Louisville, KY. Daily flows ranged from a low of 35 percent of normal at Pittsburgh, PA and Evansville, IN to a high of 246 percent of normal at Louisville, KY.

The following table presents the flow data summary for June at the Ohio River Index Stations:

**FLOW DATA – JUNE 2001**

STATION	AVERAGE MONTHLY FLOW	PERCENT LONG-TERM NORMAL		
		MONTHLY	DAILY	
			HIGH	LOW
Pittsburgh, PA	23,090	97	239	35
Huntington, WV	59,400	105	229	48
Cincinnati, OH	81,000	108	230	40
Louisville, KY	94,600	119	246	44
Evansville, IN	100,000	100	191	35
Paducah, KY	202,600	105	177	36

**RESERVOIRS** -- June started with 1.1% utilization of the total system flood control storage and ended the month at 1.0%. System-wide augmentation storage increased from 93.3% at the beginning of the month to 94.5% by the end of the month. Significant flood storage utilization in excess of 25% occurred at no project during the month.

The following table depicts storage change by tributary reservoir subsystem for June:

CHANGE IN STORAGE TRIBUTARY-RESERVOIR SUBSYSTEM	(ACRE-FEET)
Allegheny-Monongahela-Beaver	-29,600
Muskingum-Little Kanawha-Hocking-Kanawha-Guyandotte	-39,600

Twelvepole-Big Sandy-Little Sandy- Scioto	-39,500
Little Miami-Licking-Mill Creek-Great Miami	-5,000
Kentucky-Salt-Green-Wabash	+43,500
Cumberland	-232,300
<b>TOTAL</b>	<b>-302,500</b>

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